

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2608

ANSWERED ON:18.08.2006

WIND ENERGY

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Shri Balashowry

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

:

- (a) whether India is constantly advancing in the field of wind power generation;
- (b) if so, the place of India in the World in the field of wind power generation;
- (c) whether required equipments for the generation of wind power have been made available by the Government;
- (d) if so, whether these equipments are indigenous;
- (e) if so, the details thereof; and
- (f) the average cost per MW of energy generated through this source as compared to per MW average cost of thermal and hydro power generation in the country?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR)

(a): Yes, Sir.

(b): India presently ranks at the fourth position in the world in wind power installations after Germany, Spain and USA.

(c),(d)&(e) : No, Sir. Wind electric generators are being manufactured indigenously through local production in India using specified components being imported by the manufacturers depending upon the level of indigenization achieved by them. Import of specified components/parts for manufacture and maintenance of wind electric generators is allowed at concessional rate of customs duty.

(f): The levelised cost of wind power generation is quite comparable with cost of conventional power, taking into account various fiscal and promotional incentives available for wind power projects. The capital cost of wind power projects varies between Rs. 4.5 crore to Rs. 5.0 crore per MW, which is also comparable with that of thermal and hydropower generation.